

Biosafety Training Exam - 2009

Circle the correct answer

Send completed exams to Willy Wong/SF or Myra Smith SA/B37

Name: _____

Date: _____

Building: _____

Laboratory: _____

1. What agency provides guidance on laboratory design for increasing Biosafety levels?
 - a. IATA – Dangerous Goods Regulations
 - b. DOT – 49CFR
 - c. CDC/NIH - BMBL
 - d. WHO
2. What agency regulates the transport of all hazardous materials within the United States?
 - a. IATA
 - b. DOT
 - c. CDC
 - d. NIH
3. The JSC Biosafety Review Board (BRB) reviews ground-based research, payloads, and flight operations for Biosafety concerns.
 - a. True
 - b. False
4. How often does the JSC biosafety inspection of laboratories occur?
 - a. 3 months
 - b. 6 months
 - c. Once a year
 - d. Every 2 years
5. Genetically modified materials – recombinant DNA must be approved for use by the BRB using which form?
 - a. JSC 713
 - b. JSC 1161
 - c. JSC 644
 - d. Approval is not required

6. Risk of exposure can vary with the amount of infectious material used, therefore, CDC/NIH BMBL -
- Recommends different procedures be used based on amounts/manipulation being performed
 - Recommends that you always use the highest Biosafety level
 - Recommends you contact the WHO for further information
 - None of the above
7. It is recommended by the CDC/NIH that Biosafety Level 2 laboratories have -
- Physical Containment equipment (Biosafety Cabinet)
 - Limited access, unidirectional airflow, and physical containment equipment (Biosafety cabinet)
 - A and B, plus respiratory protection
 - None of these are recommended for BSL-2
8. When should you wash your hands?
- After removing gloves
 - After a spill
 - Before leaving the laboratory
 - All of the above
9. Eye protection should always be worn when there is a chance for aerosol production?
- True
 - False
10. Biosafety cabinets are among the most effective and most commonly used _____ containment devices when working with infectious agents
- Primary
 - Secondary
 - Tertiary
 - Quaternary
11. The HEPA filters in a BSC filter particulates to size _____ and are _____ efficient.
- 0.01 μ m, 85%
 - 0.3 μ m, 99.97%
 - 0.1 μ m, 95.9%
 - 3.0 μ m, 90%
12. What % of air is re-circulated in a Class II B1 Biosafety Cabinet?
- 70
 - 30
 - 100
 - 50

13. When working in a Biosafety cabinet, what area of the cabinet should samples be placed in for the best protection?
- Back
 - Middle
 - Front
 - Sides
14. A clean bench protects the samples only, not the laboratory worker.
- True
 - False
15. If it is not moved or repaired, how often are BSC re-certified in JSC labs?
- 3 months
 - 6 months
 - Every year
 - Every 2 years
16. Biohazard waste containers should be open ____.
- At all times
 - Only when actively adding waste to them.
 - When they are placed outside for storage.
17. Gloves, broken glass and absorbent materials from a spill should be placed in the appropriate biomedical waste container.
- True
 - False
18. Close-calls, mishaps and illnesses with fever should all be reported to your supervisor when working with Blood borne pathogens and infectious agents.
- True
 - False
19. To aid in Biosecurity, an inventory of all microorganisms in-use at JSC is maintained by the BRB.
- True
 - False
20. Biosafety training at JSC is required every two years.
- True
 - False